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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q81061

Hideki HAYASHIDA, et al.

Allowed: September 23, 2005

Appln. No.: 10/821,944

Group Art Unit: 2818

Confirmation No.: 2372

Examiner: David NHU

Filed: April 12, 2004

For: AMMONIA FOR USE IN MANUFACTURING OF GAN-TYPE COMPOUND SEMICONDUCTOR  
AND METHOD FOR MANUFACTURING GAN-TYPE COMPOUND SEMICONDUCTOR

**REQUEST FOR ACKNOWLEDGEMENT OF DRAWING**

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request the Examiner to acknowledge the two (2) sheets of drawings submitted on April 12, 2004, and the Replacement sheet filed on September 9, 2005, copies of which are submitted herewith, at the Examiner's earliest convenience.

Respectfully submitted,

Keiko K. Takagi  
Registration No. 47,121

SUGHRUE MION, PLLC  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: October 21, 2005



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**REQUEST OF EARLY NOTIFICATION OF SERIAL NUMBER**  
Rule 53(b) Continuation of U.S. Application. No. 09/473,708 filed December 29, 1999

Inventor(s): Hideki HAYASHIDA, et al.

Title: AMMONIA FOR USE IN MANUFACTURE OF GAN-TYPE  
COMPOUND SEMICONDUCTOR AND METHOD FOR  
MANUFACTURING GAN-TYPE COMPOUND SEMICONDUCTOR

Atty Doc. #: Q81061 Client: SHOWA DENKO K.K.  
Filing Date: April 12, 2004 # Pgs. Spec/Abst: 19/1 #Claims: 1

# Dwg. Sheets: 2 (Figs. 1-4) Decl Copy (4 pages) Prelim Amdt No

IDS/Prior Art: Yes PTO/SB/08 A & B (modified)  
Pr Doc: None Asgmt: In the Parent Fee: \$770.00  
Copy of Verified English translation of U.S. 60/114,376

☒ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: BEK/lin

SERIAL NO.:

CONF NO.:





April 12, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Assignee: SHOWA DENKO K.K.**  
**Our Ref: O80161**

APR 12 2004

Dear Sir:

This is a request for a Continuation Application of pending prior Application No. 09/473,708 (Confirmation No. 1347) filed December 29, 1999, of Hideki HAYASHIDA, Taizo ITO and Yasuyuki SAKAGUCHI, entitled AMMONIA FOR USE IN MANUFACTURE OF GAN-TYPE COMPOUND SEMICONDUCTOR AND METHOD FOR MANUFACTURING GAN-TYPE COMPOUND SEMICONDUCTOR, which claims benefit of Provisional Application No. 60/114,376 filed December 30, 1998, the above-noted applications incorporated herein by reference.

This application is being filed under 37 C.F.R. § 1.53(b). Enclosed is twenty (20) pages of the specification, including the claims and abstract, and two (2) sheets of drawings (Figures 1-4). Also enclosed is a copy of the Declaration (4 pages) as filed in the prior application and an Information Disclosure Statement along with PTO/SB/08 A & B (modified) (substitute for PTO Form 1449) listing references cited by the Applicant and/or the Examiner during prosecution of the prior application. Also enclosed is a copy of the verified English translation of Provisional Application No. 60/114,376 filed December 30, 1998.

The prior application is assigned to Group Art Unit 1765.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
U.S.	60/114,376	December 30, 1998

The sworn English translation of the Provisional Application was previously filed in the Provisional Application on July 1, 1999.

The Government filing fee is calculated as follows:

Total claims	<u>1</u> - 1	=		x	\$18.00	=	<u>\$0.00</u>
Independent claims	<u>1</u> - 1	=		x	\$86.00	=	<u>\$0.00</u>
Base Fee							\$770.00



SUGHRUE MION, PLLC

Continuation Application of U.S. Application No. 09/473,708

Q81061

Base Fee

\$770.00

**TOTAL FILING FEE**

**\$770.00**

A check for the statutory fee of \$770.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

The application is timely filed.

Respectfully submitted,

SUGHRUE MION, PLLC  
Attorneys for Applicant

By Bruce E. Kramer  
Bruce E. Kramer  
Registration No. 33,725

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Date: April 12, 2004

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**FILING RECEIPT**  
**PLEASE DATE STAMP AND RETURN TO US - BOX 235X**

In re application of  
HAYASHIDA, Hideki, et al.

Appln. No.: 10/821,944

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MANUFACTURING GAN-TYPE COMPOUND SEMICONDUCTOR

**PAPERS FILED ENTITLED:**

- 1. Amendment Under 37 C.F.R. §1.111 (15 pages) along with 1 marked-up sheet and 1 replacement sheet of drawings**
- 2. Terminal Disclaimer**
- 3. Submission of Terminal Disclaimer (in duplicate with Check No. 280672 in the amount of \$130.00).**

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DOCKET NO.: Q81061  
ATTORNEY/SEC: BEK/KKT  
Date Filed: September 9, 2005

WASHINGTON OFFICE

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